



**Work Order ID 162039**

Tuesday, May 23, 2017 12:38:12 PM

**\*162039\***

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Item ID: D350-636-109 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Tow Ring, Fits LH or RH  
Start Date: 5/24/2017 Start Qty: 2.00 **\*2\*** Cust Item ID:  
Required Date: 5/29/2017 Req'd Qty: 2.00 **\*2\*** Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                                                                     | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty     | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|----------------------------------------------------------------------------------------------|----------------------|---------|--------|--------------|---------------|-------------------|------------------|----------------|
| 130                            | Identify as per dwg & Stock Location: _____                                                  | 0.00                 |         |        |              | 2             | DAS<br>28<br>9-89 |                  | MAY 23 2017    |
| <b>*130*</b>                   |                                                                                              |                      |         |        |              |               |                   |                  |                |
| Packaging                      | Memo                                                                                         | 0.00                 |         |        |              |               |                   |                  |                |
| Packaging                      | Identify and pack for shipping as per PPP D3550-636-109<br>Location: _____<br>PPP rev: _____ |                      |         |        |              |               |                   |                  |                |
| 140                            | QC21- Final Inspection - Work Order Release                                                  | 0.00                 |         |        |              |               | DAS<br>21<br>9-89 |                  |                |
| <b>*140*</b>                   |                                                                                              |                      |         |        |              |               |                   |                  | MAY 23 2017    |
| QC                             | Memo                                                                                         | 0.20                 |         |        |              |               |                   |                  |                |
| Quality Control                |                                                                                              |                      |         |        |              |               |                   |                  |                |

DAS  
21  
9-89

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**\*162039\***

**\*D350-636-109\***

**Required Qty: 2.00**

IPP REV:B

| Component Item ID/<br>Item Name             | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty    | Qty<br>Issued | Date<br>Issued | Status                                |
|---------------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-----------------|---------------|----------------|---------------------------------------|
| D3407-043<br><b>*D3407-043*</b><br>Tow Ring |                        | Manufactured  | No          |                     |                  | 110             | Each               | 29.0000        | 1           | 2               |               | MAY 23 2017    | DF<br>DAS<br>27<br>9-89               |
|                                             |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |                                       |
|                                             |                        |               |             | st530               |                  |                 |                    | 29             |             |                 |               |                |                                       |
|                                             |                        |               |             | 153708              |                  |                 |                    | 5              |             |                 |               |                |                                       |
|                                             |                        |               |             | 155622              |                  |                 |                    | 6              |             |                 |               |                |                                       |
|                                             |                        |               |             | 159457              |                  |                 |                    | 10             |             |                 |               |                |                                       |
|                                             |                        |               |             | 159721              |                  |                 |                    | 8              |             |                 |               |                |                                       |
| D3417-9<br><b>*D3417-9*</b><br>Washer       |                        | Manufactured  | No          |                     |                  | 110             | Each               | 14.0000        | 2           | 4               |               | MAY 23 2017    | DAS<br>6<br>9-89<br>DAS<br>27<br>9-89 |
|                                             |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |                                       |
|                                             |                        |               |             | ST034               |                  |                 |                    | 14             |             |                 |               |                |                                       |
|                                             |                        |               |             | 136565              |                  |                 |                    | 14             |             |                 |               |                |                                       |
| D3456-1<br><b>*D3456-1*</b><br>Washer       |                        | Manufactured  | No          |                     |                  | 110             | Each               | 83.0000        | 2           | 4               |               | MAY 23 2017    | DAS<br>6<br>9-89<br>DAS<br>27<br>9-89 |
|                                             |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |                                       |
|                                             |                        |               |             | FG                  |                  |                 |                    | 7              |             |                 |               |                |                                       |
|                                             |                        |               |             | 25701               |                  |                 |                    | 7              |             |                 |               |                |                                       |
|                                             |                        |               |             | ST036               |                  |                 |                    | 50             |             |                 |               |                |                                       |
|                                             |                        |               |             | 159500              |                  |                 |                    | 50             |             |                 |               |                |                                       |
|                                             |                        |               |             | ST36                |                  |                 |                    | 26             |             |                 |               |                |                                       |
|                                             |                        |               |             | 157166              |                  |                 |                    | 26             |             |                 |               |                |                                       |

# Picklist Print

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Work Order ID: 162039

\*162039\*

Parent Item: D350-636-109

\*D350-636-109\*

Parent Item Name: Tow Ring, Fits LH or RH

Start Date: 5/24/2017

Required Date: 5/29/2017

Start Qty: 2.00

Required Qty: 2.00

MS21043-4

Purchased

No

110

Each

854.0000

1

2

\*MS21043-4\*

\*\*

Nut

DAS  
28  
9-89

Location

Loc Qty

Loc Code

|         |     |  |
|---------|-----|--|
| FG      | 40  |  |
| 104603  | 40  |  |
| GA      | 7   |  |
| m132803 | 7   |  |
| ST302   | 807 |  |
| m136983 | 207 |  |
| m137361 | 300 |  |
| m137371 | 300 |  |

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27  
9-89

2



## 7.0 PARTS LIST

(D350-636-101/-103/-104/-105A/-105B/-107/-107A/-107B/-109 KITS)

| Item | Qty<br>-101 | Qty<br>-103 | Qty<br>-104 | Qty<br>-105A | Qty<br>-105B | Qty<br>-107 | Qty<br>-107A | Qty<br>-107B | Qty<br>-109 | Part Number   | Description                          |
|------|-------------|-------------|-------------|--------------|--------------|-------------|--------------|--------------|-------------|---------------|--------------------------------------|
|      | X           |             |             |              |              |             |              |              |             | D350-636-101  | TOE STEP KIT (LH/RH)                 |
|      |             | X           |             |              |              |             |              |              |             | D350-636-103  | APICAL FLOAT CONVERSION KIT, LH      |
|      |             |             | X           |              |              |             |              |              |             | D350-636-104  | APICAL FLOAT CONVERSION KIT, RH      |
|      |             |             |             | X            |              |             |              |              |             | D350-636-105A | WEDGE KIT                            |
|      |             |             |             |              | X            |             |              |              |             | D350-636-105B | WEDGE KIT                            |
|      |             |             |             |              |              | X           |              |              |             | D350-636-107  | CABLE GUARD KIT                      |
|      |             |             |             |              |              | 1           | X            |              |             | D350-636-107A | FWD CABLE GUARD                      |
|      |             |             |             |              |              | 1           |              | X            |             | D350-636-107B | AFT CABLE GUARD                      |
|      |             |             |             |              |              |             |              |              | X           | D350-636-109  | TOW RING KIT                         |
| 8    |             | 1           |             |              |              |             |              |              |             | D3488-041     | BLADE FITTING, LH (REPLACES D2742-1) |
| 8    |             |             | 1           |              |              |             |              |              |             | D3488-042     | BLADE FITTING, RH (REPLACES D2742-2) |
| 10   |             | 2           | 2           |              |              |             |              |              |             | AN8C21A       | BOLT (REPLACES AN8-16A)              |
| 11   |             | 2           | 2           |              |              |             |              |              |             | AN980JD816    | WASHER (OR NAS1149D0863J)            |
| 12   |             | 2           | 2           |              |              |             |              |              |             | MS21083C8     | NUT (REPLACES MS21083N8)             |
| 26B  |             | 4           | 4           |              |              |             |              |              |             | AN3C7A        | BOLT (REPLACES AN3-7A)               |
| 27   |             | 4           | 4           |              |              |             |              |              |             | AN980C10L     | WASHER (REPLACES AN980JD10)          |
| 40   | 1           |             |             |              |              |             |              |              |             | D3487-1       | TOE STEP ASSEMBLY                    |
| 43   |             | 2           | 2           |              |              |             |              |              |             | D3493-1       | WASHER                               |
| 50   |             | 2           | 2           |              |              |             |              |              |             | D3532-1       | WASHER                               |
| 60   |             |             |             | 2            |              |             |              |              |             | D3926-1       | WEDGE                                |
| 61   |             |             |             |              | 2            |             |              |              |             | D3926-3       | WEDGE                                |
| 62   |             |             |             | 4            | 4            |             |              |              |             | MS21042L3     | NUT                                  |
| 63   |             |             |             | 4            | 4            |             |              |              |             | MS24693S276   | SCREW                                |
| 64   |             |             |             | 4            | 4            |             |              |              |             | NAS1149D0363J | WASHER                               |
| 70   |             |             |             |              |              |             | 1            |              |             | D3927-1       | FWD CABLE GUARD                      |
| 71   |             |             |             |              |              |             |              | 1            |             | D3927-3       | AFT CABLE GUARD                      |
| 72   |             |             |             |              |              |             | 2            |              |             | D3928-1       | BRACKET                              |
| 73   |             |             |             |              |              |             | 2            |              |             | AN4-14A       | BOLT                                 |
| 74   |             |             |             |              |              |             |              | 1            |             | BLBS-020      | PIP PIN                              |
| 75   |             |             |             |              |              |             | 2            |              |             | MS21042L4     | NUT                                  |
| 76   |             |             |             |              |              |             | 4            |              |             | NAS1149D0463J | WASHER                               |
| 80   |             |             |             |              |              |             |              |              | 1           | D3407-043     | TOW RING ASSEMBLY                    |
| 81   |             |             |             |              |              |             |              |              | 2           | D3417-9       | WASHER                               |
| 82   |             |             |             |              |              |             |              |              | 2           | D3456-1       | WASHER                               |
| 83   |             |             |             |              |              |             |              |              | 1           | MS21043-4     | NUT                                  |

\*162039\*

Work Order ID 162039

Tuesday, May 23, 2017 12:38:12 PM

Accept

\*N900040100\*

Setup Start \*NS1\*  
Stop \*NS2\*

Item ID: D350-636-109

Revision ID:

Item Name: Tow Ring, Fits LH or RH

Start Date: 5/24/2017 Start Qty: 2.00

Required Date: 5/29/2017 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Run Start \*NR1\*  
Stop \*NR2\*

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

MAY 23 2017

IIN-D350-636

J

0.00

Document Control

100

\*100\*

DC

Doc.Control -USB or Paperwork

Memo

Photocopy bluefile & type labels per PPP D350-636-109  
CHG002

0.00

CB 2

MAY 23 2017

110

\*110\*

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

Z

MAY 23 2017

120

\*120\*

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.06



United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SR00646SE

*This certificate, issued to*

Dart Aerospace USA, Inc.  
190 S. Danebo Ave.  
Eugene, OR 97402

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part \* of the \* Regulations.*

*Original Product—Type Certificate Number:*

\* See attached Federal Aviation Administration (FAA)

*Make:*

Approved Model List (AML) SR00646SE for approved

*Model:*

aircraft models and applicable airworthiness regulations

*Description of the Type Design Change:* Replacement of the original landing gear skid tubes with DART D350-636 skid tube system components as appropriate. The D350-636 skid tube system must be fabricated in accordance with DART Aerospace USA, Inc. Master Document List (MDL) No. MDL-D350-636, Revision N, dated September 01, 2010, or later Federal Aviation Administration (FAA) approved Revision. The skid tubes must be installed in accordance with DART Aerospace Installation Instructions No. INN-D350-636, Revision H, dated July 26, 2010, or later FAA accepted revision. This modification must be maintained in accordance with DART Aerospace Instructions for Continued Airworthiness (ICA) No. ICA-D350-636, Revision 1, or later FAA-approved revision.

*Limitations and Conditions:* Approval of this change in type design applies to rotorcraft listed on the Approved Model List (AML) only. This approval should not be extended to other rotorcraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of the rotorcraft.

A copy of this Certificate, AML No. SR00646SE, and the ICA must be maintained as part of the permanent records for the modified rotorcraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* April 24, 1998

*Date reissued:* October 28, 2015

*Date of issuance:* November 19, 1998

*Date amended:* September 27, 2010



*By direction of the Administrator*

*[Signature]*  
(Signature)

*[Title]*  
Manager, Seattle Aircraft Certification Office  
(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

*This certificate may be transferred in accordance with FAR 21.47.*